

Title (en)
COMMUNICATION METHOD AND COMMUNICATION DEVICE

Title (de)
KOMMUNIKATIONSVERFAHREN UND KOMMUNIKATIONSVORRICHTUNG

Title (fr)
PROCÉDÉ DE COMMUNICATION ET DISPOSITIF DE COMMUNICATION

Publication
EP 3820189 A4 20210908 (EN)

Application
EP 19850138 A 20190809

Priority

- CN 201810958271 A 20180811
- CN 2019100044 W 20190809

Abstract (en)
[origin: EP3820189A1] This application provides a communication method and a communications apparatus. A first entity buffers data, so that a packet loss caused by backhaul link switching or a radio link failure can be avoided as much as possible. The communication method is applied to a relay system. The relay system includes a first node, a source node, and a target node, and the source node provides a service for the first node. The method includes: determining, by the first node, to be handed over from the source node to the target node; and storing, by the first node, data buffered in at least one first entity, where the first entity is a radio link control RLC entity or an adaptation layer entity.

IPC 8 full level
H04W 24/04 (2009.01); **H04B 7/155** (2006.01); **H04B 7/26** (2006.01); **H04W 36/00** (2009.01); **H04W 76/18** (2018.01); **H04W 36/08** (2009.01); **H04W 36/16** (2009.01)

CPC (source: CN EP US)
H04B 7/155 (2013.01 - CN US); **H04B 7/15528** (2013.01 - EP); **H04B 7/2606** (2013.01 - EP); **H04W 36/0064** (2023.05 - CN EP US); **H04W 76/18** (2018.02 - US); **H04W 36/087** (2023.05 - CN EP US); **H04W 36/16** (2013.01 - EP); **H04W 88/085** (2013.01 - EP)

Citation (search report)

- [E] WO 2019229048 A1 20191205 - IPCOM GMBH & CO KG [DE]
- [XYI] POTEVIO: "The mobility in IAB", vol. RAN WG2, no. Gothenburg, Sweden; 20180820 - 20180824, 10 August 2018 (2018-08-10), XP051522267, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG2%5FRL2/TSGR2%5F103/Docs/R2%2D1812673%2Ezip> [retrieved on 20180810]
- [XY] ZTE: "Discussion on IAB topology adaptation", vol. RAN WG2, no. Montreal, Canada; 20180702 - 20180706, 1 July 2018 (2018-07-01), XP051467976, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN3/Docs> [retrieved on 20180701]
- [YA] HUAWEI: "UP protocol design for architecture 1a", vol. RAN WG3, no. Montreal, Canada; 20180702 - 20180706, 1 July 2018 (2018-07-01), XP051468108, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN3/Docs> [retrieved on 20180701]
- [A] ERICSSON: "Handling Congestion and Link Failure in a Multi-hop IAB System", vol. RAN WG2, no. Montreal, Canada; 20180702 - 20180706, 1 July 2018 (2018-07-01), XP051467720, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN2/Docs> [retrieved on 20180701]
- [A] SAMSUNG: "IAB Topology and Route Management", vol. RAN WG3, no. Gothenburg, Sweden; 20180820 - 20180824, 10 August 2018 (2018-08-10), XP051528188, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG3%5Flu/TSGR3%5F101/Docs/R3%2D184844%2Ezip> [retrieved on 20180810]
- [A] LENOVO ET AL: "Backhaul link reselection", vol. RAN WG2, no. Busan, Korea; 20180521 - 20180525, 20 May 2018 (2018-05-20), XP051444231, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings%5F3GPP%5FSYNC/RAN2/Docs/> [retrieved on 20180520]
- See also references of WO 2020034909A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3820189 A1 20210512; EP 3820189 A4 20210908; CN 110831095 A 20200221; CN 110831095 B 20211119; US 2021168666 A1 20210603; WO 2020034909 A1 20200220

DOCDB simple family (application)
EP 19850138 A 20190809; CN 201810958271 A 20180811; CN 2019100044 W 20190809; US 202117172249 A 20210210